



Reimer et al.

Confirmation No.: 3858

For: **Processing Apparatus
Having Integrated
Pumping System**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Examiner: R. Bueker

[illegible]

CERTIFICATE OF MAILING
37 CFR 1.8

I hereby certify that this correspondence is being deposited on June 25, 2003 with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

25 June 03
Date

Walter B. Pitter
Signature

Dear Sir:

RESPONSE TO REQUIREMENT FOR INFORMATION

In the Requirement for Information mailed March 25, 2003, the Examiner has requested some additional information in connection with the issue raised in relation to the public use or on sale activity. The Examiner has asked the Applicant to provide more specific information with regard to the public use or on sale activity. The Examiner has stated that from the information provided so far (from the SIDS submitted on Oct. 20, 2002), it is not possible to determine what kind of pump the on sale pump is, and that this information is necessary for understanding the relationship between this pump and the subject matter of the presently pending claims. The due date for reply to the Request for Information was May 25, 2003. The Applicant has submitted herewith a Request for One Month Extension of Time so that the reply is timely on or before June 25, 2003, as available under 37 C.F.R. 1.136(a). Accordingly, the Commissioner is authorized to charge deposit account No. 20-0782/APPM/2981/IBSS/CPS/BG/WBP for any extension of times fees to make this response timely.

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Specifically, the Examiner asked the following:

1. Applicant's are required to provide information regarding what type of pump the on-sale pump is (e.g. a roots pump, turbo pump, etc.)

The on-sale pump does not fit precisely into any category of pump. The on-sale pump has a single vertical shaft supported by upper and lower bearings and rotating at 18,000 rpm (see attached diagram, Exhibit A). The 18,000-rpm rotational speed of the on-sale pump is similar to the range of large turbo pumps. On the other hand, dry pumps always have 2 counter-rotating shafts and gearbox rather than a single shaft like the on-sale pump. Dry pumps run at very low rpm, typically a 3,000-3,600 rpm rotational speed. In summary, the on-sale pump is neither exactly a turbo nor a roots pump.

2. Applicant's are also required to provide a schematic diagram of the interior parts of the pump, and any other printed information that inventors may have describing the pump.

A schematic diagram of the pump is attached to this response as Exhibit A.

3. Also, Applicants are required to state whether the on-sale activity in question occurred in this country?

The on-sale activity in question did not occur in this country.

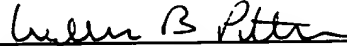
4. The Examiner is unclear as to whether the pump was sold or whether the pump and semiconductor tool were sold together. Did the sale referred to include the pump and the semiconductor tool?

The sales included a semiconductor processing tool.

The foregoing comments should satisfy the Request for Information mailed March 25, 2003.

If the foregoing answers are not specific enough, the Examiner is invited to contact the attorney of record who will gladly arrange a telephone interview with the inventor who supplied information for this response.

Respectfully submitted,



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EXHIBIT A

